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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 5259-054/NP U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/542316
INTERNATIONAL APPLICATION NO. PCT/JP2004/001600	INTERNATIONAL FILING DATE 13 February 2004 (13.02.2004)	PRIORITY DATE CLAIMED 13 February 2003 (13.02.2003)
TITLE OF INVENTION FIBER OPTIC COMMUNICATION SYSTEM		
APPLICANT(S) FOR DO/EO/US TANOBE, Hiromasa, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

JP17 Rec'd. 13 JUL 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/542316		INTERNATIONAL APPLICATION NO. PCT/JP2004/001600		ATTORNEY'S DOCKET NUMBER 5259-054/NP			
20. Other items or information: Express Mail Transmittal (EV 716 205 099 US); Check for \$3,300; Eng Trans of Formal Drawings (122 pages); Form HDP-1449 citing 6 references (6 enclosed) w/ ISR, Eng Trans of ISR & Written Opinion of ISA; Pub Int'l App WO 2004/073225 A1; Return Receipt Postcard							
The following fees have been submitted				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE ONLY</th> </tr> </table>		CALCULATIONS	PTO USE ONLY
CALCULATIONS	PTO USE ONLY						
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$ 300.00</td> <td style="width:50%;"></td> </tr> </table>		\$ 300.00	
\$ 300.00							
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$ 200.00</td> <td style="width:50%;"></td> </tr> </table>		\$ 200.00	
\$ 200.00							
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$ 400.00</td> <td style="width:50%;"></td> </tr> </table>		\$ 400.00	
\$ 400.00							
TOTAL OF 21, 22 and 23 =				900.00			
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$ 1,250.00</td> <td style="width:50%;"></td> </tr> </table>		\$ 1,250.00	
\$ 1,250.00							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE				
334 - 100 =	234 /50 =	5	x \$250				
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$ 0.00</td> <td style="width:50%;"></td> </tr> </table>		\$ 0.00	
\$ 0.00							
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$			
Total claims	35 - 20 =	15	x \$ 50	\$ 750.00			
Independent claims	3 - 3 =	0	x \$200	\$ 0.00			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">\$ 360.00</td> <td style="width:50%;"></td> </tr> </table>		\$ 360.00	
\$ 360.00							
TOTAL OF ABOVE CALCULATIONS =				\$ 3,260.00			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				0.00			
SUBTOTAL =				\$ 3,260.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ 0.00			
TOTAL NATIONAL FEE =				\$ 3,260.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00			
TOTAL FEES ENCLOSED =				\$ 3,300.00			
				Amount to be refunded:	\$		
				Amount to be charged	\$		

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10/542316

- a. ☒ A check in the amount of \$ 3,300.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Gregory A. Stobbs
HARNES, DICKEY & PIERCE, P.L.C.
P. O. Box 828
Bloomfield Hills, MI 48303
United States of America



SIGNATURE

Gregory A. Stobbs
NAME

28,764

REGISTRATION NUMBER

Dated: July 13, 2005

10/542316

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AS DESIGNATED/ELECTED OFFICE (DO/EO/US)

JUL 17 REC'D

13 JUL 2005

Express Mail No.: EV 716 205 099 US

Date of Deposit: 13 July 2005

Application No.: Not Yet Assigned – National Phase of PCT/JP2004/001600

International
Filing Date: 13 February 2004

Applicant: Hiromasa TANOBE, et al

Title: FIBER OPTIC COMMUNICATION SYSTEM

Attorney Docket: 5259-054/NP

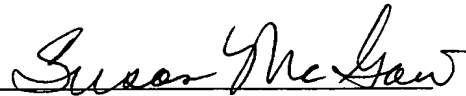
Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL TRANSMITTAL

The following papers are being deposited with the United States Postal Service Express Mail Post Office to Addressee on 13 July 2005 and addressed for receipt by the United States Patent and Trademark Office:

1. Express Mail Transmittal (Label No. EV 716 205 099 US);
2. Check in the amount of \$3,300.00;
3. Transmittal Letter to the DO/EO/US Concerning
a Filing Under 35 USC 371 (3 pages, in duplicate);
4. Application Data Sheet (4 pages);
5. English Translation of International Application (212 Pages);
6. English Translation of Article 19 Amendment and Statement (6 pages);
7. English Translation of Formal Drawings (122 pages);
8. Signed Declaration and Power of Attorney (4 pages);
9. Assignment Cover Sheet and Assignment (3 pages);
10. IDS with Form 1449 (citing 6 references, 6 enclosed) and ISR, Eng
Translation of ISR & Written Opinion of ISA;
11. Published International Application WO 2004/073225 A1; and
12. Return Postcard.

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600


Susan McGaw